



Frontier Electronics Corp.

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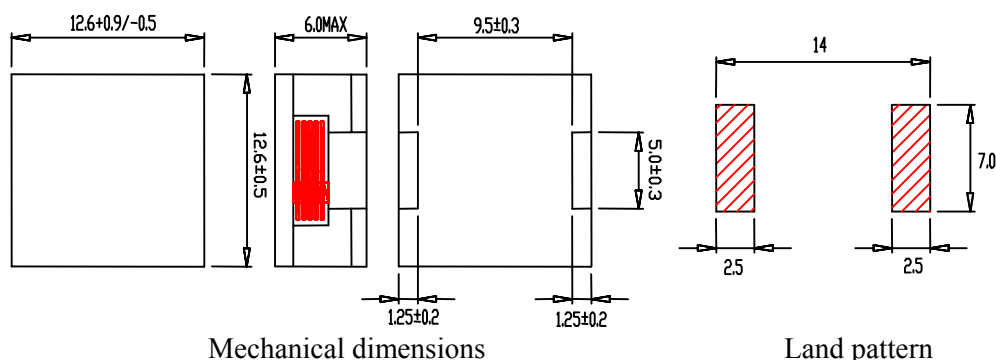
Web: frontierusa.com

SMD Power Choke (Shielded)—CSH1260ER series

A. Electrical specifications:

Part No.	Mark	L (uH) ± 20%	Test Freq.	DCR (mΩ max.)	Rated current (A)	L (μH) Typ. @Rated Current
CSH1260ER-0R5M	0R5	0.5	100	1.3	30	0.4
CSH1260ER-1R0M	1R0	1.0	100	2.2	22	0.76
CSH1260ER-1R5M	1R5	1.5	100	3.3	20	1.20
CSH1260ER-2R2M	2R2	2.2	100	4.0	17	1.70

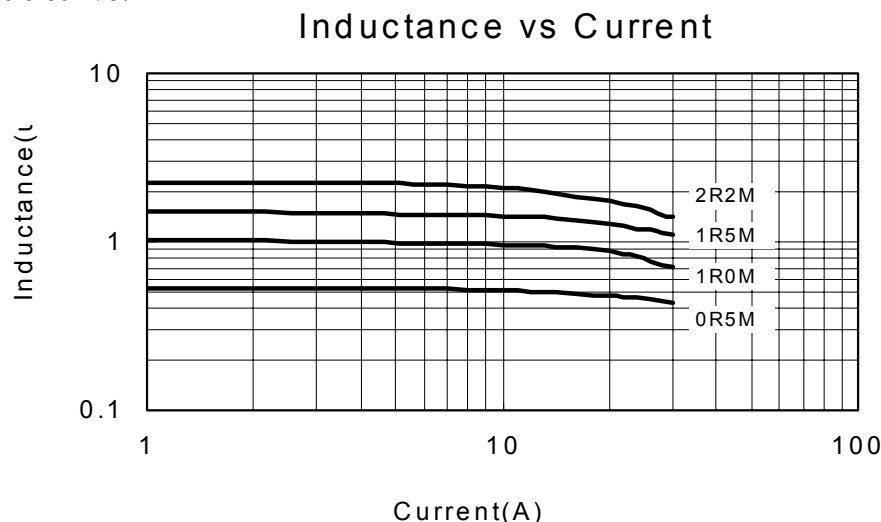
B. Mechanical dimensions: (Unit: mm)



C. Features:

1. Tolerance: M: ± 20%.
2. Operating temperature: -30°C TO +100°C.
3. Inductance measured on the HP4284A or HP4285A LCR meter.
4. DCR measured on the 502BC milli-ohm meter.
5. Inductance drops no more than 25% at rated current applied or temperature increases $\Delta t < 40^{\circ}\text{C}$.
6. Inductance and Current range: CSH1260ER: From 0.50uH(30.0A) to 2.2uH(17.0A).

D. Characteristic curve:



Note: RoHS compliant; for the ROHS parts, we add “-LFR” at the end of the P/N.